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Moffett Field, California 94035-1000



Date: 22 June 2006

Number of pages including cover sheet: 7

TO:	Mail Stop Amendments Attn: Alicia A. Chevalier, Patent Examiner GAU 1772		
OF:	USPTO		
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FROM:	Vickie Kent Paralegal Specialist		
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Appl. No.: 10/779,504

Examiner: Alicia A. Chevalier

Applicant: David A. Stewart, et al.

Docket No.: ARC-15201-1

Filed: 12 February 2004

Customer No.: 25186

TC/A.U.: 1772

Confirmation No. 8903

The following correspondence is attached:

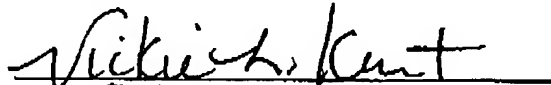
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Response to Office Action (5 pages)

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Total Number of Pages in This Submission

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Application Number

10/779,504

Filing Date

12 February 2004

First Named Inventor

David A. Stewart

Art Unit

1772

Examiner Name

Alicia A. Chevalier

Attorney Docket Number

ARC-15201-1

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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	NASA Ames Research Center		
Signature	<i>John F. Schlpper</i>		
Printed name	John F. Schlpper		
Date	22 June 2006	Reg. No.	26,994

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Typed or printed name	Vickie L. Kent	Date	22 June 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David A. Stewart et al

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JUN 22 2006

U.S. Serial No: 10/779,504

Group Art Unit: 1772

Filed On: 12 February 2004

Examiner: Alicia A. Chevalier

Title: "TOUGHENED UNI-PIECE, FIBROUS, REINFORCED,  
OXIDIZATION-RESISTANT COMPOSITE"

Assistant Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia. 22313-1450

Election Of Claims

Dear Sir:

In response to receipt of an Office Action, mailed 27 January 2006, and a further Office Action, mailed 15 June 2006, for the patent application identified above, requiring an election of claims between a thermal protection system transition region and a thermal protection system ceramic bonding approach, the Applicants herewith cancel claims 16-23 and elect to proceed with prosecution of claims 1-15. Ceramic bonding is explicitly recited in independent claim 16, and claims 17-23 dependent thereon, but is not explicitly recited in independent claim 1 or in claims 2-15 dependent thereon. The Examiner has not indicated groups of claims to which an election can be directed. If the claims election herein needs to